Atty. Dkt. No. 040356-0354

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Yuki NAKAJIMA

Title: MAGNETIC POLE POSITION
             DETECTOR FOR ROTOR

Appl. No.:   09/778,759

Filing   02/08/2001
Date:

Examiner: J. Gonzalez

Art Unit: 2834

AMENDMENT TRANSMITTAL

Commissioner for Patents
Washington, D.C. 20231

Sir:

Transmitted herewith is an amendment in the above-identified application.

[ ]   Small Entity status under 37 C.F.R. § 1.9 and § 1.27 has been established by a
      Small Entity statement previously submitted.

[ ]   Small Entity statement is enclosed.

[X]   The fee required for additional claims is calculated below:

	Claims as Amended		Previously Paid For	Extra Claims Present	Rate		Additional Claims Fee
Total Claims:	12	—	20	= 0	x	$18.00 =	$0.00
Independents:	4	—	3	= 1	x	$84.00 =	$84.00
First presentation of any Multiple Dependent Claims:					+	$280.00 =	$0.00
					CLAIMS FEE TOTAL:	=	$84.00

[ ]   Applicant hereby petitions for an extension of time under 37 C.F.R. §1.136(a)
      for the total number of months checked below:

-1-

002.853670.1

[ ]	Extension for response filed within the first month:	$110.00	$0.00
[ ]	Extension for response filed within the second month:	$400.00	$0.00
[ ]	Extension for response filed within the third month:	$920.00	$0.00
[ ]	Extension for response filed within the fourth month:	$1,440.00	$0.00
[ ]	Extension for response filed within the fifth month:	$1,960.00	$0.00
		EXTENSION FEE TOTAL:	$0.00
		CLAIMS AND EXTENSION FEE TOTAL:	$84.00
[ ]		Small Entity Fees Apply (subtract ½ of above):	$0.00
		TOTAL FEE:	$84.00

[ ]   Please charge Deposit Account No. 19-0741 in the amount of $84.00. A duplicate copy of this transmittal is enclosed.

[X]   A check in the amount of $84.00 is enclosed.

[X]   The Commissioner is hereby authorized to charge any additional fees which may be required regarding this application under 37 C.F.R. §§ 1.16-1.17, or credit any overpayment, to Deposit Account No. 19-0741. Should no proper payment be enclosed herewith, as by a check being in the wrong amount, unsigned, post-dated, otherwise improper or informal or even entirely missing, the Commissioner is authorized to charge the unpaid amount to Deposit Account No. 19-0741.

Please direct all correspondence to the undersigned attorney or agent at the address indicated below.

Respectfully submitted,

Date _July 08, 2002_

By _____

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THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Yuki NAKAJIMA

Title: MAGNETIC POLE POSITION
               DETECTOR FOR ROTOR

Appl. No.:   09/778,759

Filing   February 8, 2001
Date:

Examiner: Julio C. Gonzalez

Art Unit: 2834

AMENDMENT AND REPLY

Commissioner of Patents
Washington, D.C. 20231

Sir:

        In response to the Office Action mailed on April 8, 2002, please amend the above-
identified application as provided below. In accordance with 37 C.F.R. 1.121(b), a marked
up version of the amended claims showing the changes made with brackets and underlines is
attached.

In The Claims:

Please cancel claims 3, 9, and 11 and replace with new claims 16-18.

Please replace claim 1 with the following new claim:

        1.   (Amended)   A magnet pole position detector for a rotor that has a plurality
of magnets disposed on a circular periphery, rotates with a rotation shaft, and forms a part of
an electric motor that has a stator provided with a plurality of coils, the detector comprising:

        plates of the same number as the magnets, the plates being made of a magnetic
material, each of the plates being disposed on the rotor at a position along a circular path
nearby a corresponding magnet and magnetized by leakage flux on the corresponding
magnet, the leakage flux being magnetic flux which is not created by the coils of the stator;